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**Patent Profiles**

Country: **JP Japan**

Kind:

Inventor(s): **HASUDA HARUFUMI  
NISHIDA TATSUYA  
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Applicant(s): **HITACHI CHEM CO LTD**  
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Application Number: **JP1987000257526**

IPC Class: **C04B 14/36; C04B 26/04; C04B 26/04;**

Abstract:

Other Abstract Info:

Foreign References:

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## JP1100040A2: GRAPHITE RESIN COMPOSITE MATERIAL

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**Purpose:** To contrive formation of a graphite/resin composite material having excellent tensile strength, liquid impermeability and flexibility, by containing a cured material of polyvinyl butyral resin and a thermosetting resin in a molded body of expanded graphite.

**Constitution:** A graphite resin composite material formed by containing a cured material of polyvinyl butyral resin and a thermosetting resin in a molded body of expanded graphite. Phenolic, epoxy, polyimide, melamine, unsaturated polyester and furan resins, etc., are cited as the thermosetting resin. A method for previously preparing a mixture solution of the thermosetting resin with the polyvinyl butyral resin, impregnating the expanded graphite with the solution and curing the solution is preferred as a method for containing the resin in the expanded graphite. The amount of the polyvinyl butyral resin is temperature 0.5W5wt.% based on the thermosetting resin.

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**DERABS** C89-156711 **DERC89-156711**

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